

IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the present application.

1. (Currently amended) A transdermal delivery system (TDS) comprising a backing layer and a self-adhesive matrix containing rotigotine, wherein the self-adhesive matrix comprises a solid or semi-solid semi-permeable polymer
  - (1) wherein rotigotine in its free base form is incorporated,
  - (2) which comprises a multitude of microreservoirs within the matrix, said microreservoirs containing rotigotine **free base**,
  - (3) which is permeable to the free base of rotigotine,
  - (4) which is substantially impermeable to the protonated form of rotigotine, and
  - (5) wherein the microreservoirs have a maximum diameter that is less than the thickness of the matrix;and wherein the backing layer is inert to the components of the matrix.
2. (Previously presented) The TDS of claim 1, wherein the microreservoirs have a mean diameter in the range of 0.5 to 20  $\mu\text{m}$ .
3. (Previously presented) The TDS of claim 1, wherein the self-adhesive matrix is free of particles that can absorb salts of rotigotine at the TDS/skin interface.
4. (Previously presented) The TDS of claim 1, wherein the self-adhesive matrix comprises a silicone pressure sensitive adhesive.
5. (Previously presented) The TDS of claim 1, wherein the self-adhesive matrix comprises two or more silicone pressure sensitive adhesives as the main adhesive components.
6. (Previously presented) The TDS of claim 5, wherein the two or more silicone pressure sensitive adhesives comprise a blend of a high tack silicone pressure sensitive adhesive comprising polysiloxane with a resin and a medium tack silicone pressure sensitive adhesive comprising polysiloxane with a resin.
7. (Withdrawn) A method for treatment of a patient suffering from a disease treatable with

rotigotine, comprising applying the TDS of claim 1 to the skin of the patient.

8. (Previously presented) The TDS of claim 1, wherein the microreservoirs additionally contain at least one crystallization inhibitor comprising soluble polyvinylpyrrolidone, a copolymer of polyvinylpyrrolidone and vinyl acetate, polyethylene glycol, polypropylene glycol, glycerol, a fatty acid ester of glycerol and/or a copolymer of ethylene and vinyl acetate.
9. (Previously presented) The TDS of claim 8, wherein the at least one crystallization inhibitor comprises soluble polyvinylpyrrolidone.
10. (Previously presented) The TDS of claim 1, comprising within the matrix  $10^3$  to  $10^9$  microreservoirs per  $\text{cm}^2$  of the surface of the matrix.
11. (Previously presented) The TDS of claim 1, comprising within the matrix  $10^6$  to  $10^9$  microreservoirs per  $\text{cm}^2$  of the surface of the matrix.
12. (Previously presented) The TDS of Claim 1, wherein the microreservoirs have a maximum diameter not greater than  $35 \mu\text{m}$ .
13. (Previously presented) The TDS of claim 1, wherein the microreservoirs have a maximum diameter of 2.5 to  $30 \mu\text{m}$ .